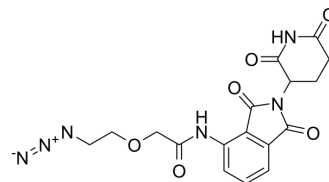


Pomalidomide-PEG1-azide

Cat. No.:	HY-133138
CAS No.:	2133360-04-8
Molecular Formula:	C ₁₇ H ₁₆ N ₆ O ₆
Molecular Weight:	400.35
Target:	E3 Ligase Ligand-Linker Conjugates
Pathway:	PROTAC
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (156.11 mM); ultrasonic and warming and heat to 60°C

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		2.4978 mL	12.4891 mL	24.9781 mL
	5 mM		0.4996 mL	2.4978 mL	4.9956 mL
	10 mM		0.2498 mL	1.2489 mL	2.4978 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Pomalidomide-PEG1-azide is a E3 ligase ligand-linker conjugate. Pomalidomide-PEG1-azide incorporates the Pomalidomide based cereblon ligand and a linker. Pomalidomide-PEG1-azide can be used to design a PROTAC BRD4 Degrader-1 (HY-133131)^[1].

REFERENCES

[1]. Zhang F, et al. Discovery of a new class of PROTAC BRD4 degraders based on a dihydroquinazolinone derivative and lenalidomide/pomalidomide. *Bioorg Med Chem.* 2020 Jan 1;28(1):115228.

Caution: Product has not been fully validated for medical applications. For research use only.

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